CLAIMS

1. Medical active substance patch comprising a matrix of monolayer or multilayer configuration as well as a backing layer connected with said matrix, wherein at least one layer of the matrix contains active substance, and wherein said active substance patch is characterized in that

- it is transparent or at least translucent, and
- in the state of having been applied to a first person's skin the said patch, at a place of the skin covered with the patch, has a lightness colour value L_1 which is not less than 50% and not more than 200% of a lightness colour value L_2, with L_2 being the lightness value of the region of the skin of the same person which surrounds the applied patch, and
- that the same applies in respect of the skin of a second or any other person, provided that L_2 is in the range from 5° to 100°, especially in the range from 20° to 90°.

2. Active substance patch according to claim 1, characterized in that the lightness colour value L_2 of the said first person is the lightness colour value of a person of light, Caucasian skin colour, and that the lightness colour value L_2 of the said second person is the lightness colour value of a person of dark, Negroid skin colour, or vice versa.

3. Active substance patch according to claim 1 or 2, characterized in that it contains one or more substances selected from the group of the dyes and pigments in at least one of the layers mentioned, preferably in the matrix layer or in at least one of the matrix layers.

4. Active substance patch according to any one of the preceding claims, characterized in that on the side averted from the skin the backing layer of the patch is covered with a coating, in particular a lacquer, containing a dye or dyes or/and a pigment or pigments.

5. Active substance patch according to any one of the preceding claims, characterized in that at least that surface of the backing layer which is averted from the skin has reduced reflection properties.

6. Active substance patch according to claim 5, characterized in that the reduction in reflection properties is accomplished by means of physical methods.

7. Active substance patch according to any one of the preceding claims, characterized in that on the side of the backing layer which is averted from the skin there is applied an antireflection layer which preferably contains an optical dulling agent or a combination of at least two optical dulling agents.

8. Active substance patch according to claim 7, characterized in that said antireflection layer additionally contains at least one substance selected from the group of the dyes and pigments.

9. Active substance patch according to any one of the preceding claims, characterized in that at least one layer of the matrix comprises one or more coloured ingredient(s).

10. Active substance patch according to any one of the preceding claims, characterized in that at least one layer of the matrix contains one or more ingredient(s) which is/are colourless in its/their initial state and which

has/have a tendency to discolour or which discolour during storage or during the application period.

11. Active substance patch according to claim 10, characterized in that the said ingredient is a pharmaceutical active substance, particularly nicotine.

12. Active substance patch according to any one of the preceding claims, characterized in that it is a transdermal therapeutic system.

13. Process for the production of an active substance patch according to any one of the preceding claims, characterized in that said process comprises the following steps:

a) producing a system comprising a mono- or multilayer active substance-containing matrix and a backing layer connected therewith, wherein the matrix is produced using a matrix polymer or matrix polymers, an active substance or active substances and auxiliary agents, and wherein one or more substance(s) selected from the group of the dyes and pigments is/are incorporated into the matrix or/and the backing layer;

b) producing at least one further system according to step (a), this system being different in terms of the concentration of the dyes or/and pigments, and/or in terms of the type of the dyes or/and pigments used;

c) producing surface sections or punched pieces from the systems obtained in steps (a) and (b);

d) producing or providing colour charts having lightness colour values L_2 in the range from 5° to 100°, particularly in the range from 20° to 90°,

e) applying or affixing the sections or systems obtained in step (c) to the colour charts mentioned in (d);

f) measuring the colour values of the lightness L_1 of the systems located on the colour charts and determining

the difference between L_2 and L_1 in each particular case;

g) selecting those systems with a colour value of the lightness L_1 which is not less than 50% and not more than 200% of the lightness colour value L_2.